

Ashutosh Apurva

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🔗 github.com/Apurva14A

Summary

DevOps Engineer | 3+ years | Expert in Terraform, Ansible, Kubernetes orchestration, CI/CD pipelines (GitHub Actions, Jenkins), JAVA, cloud infrastructure (AWS, EC2), and monitoring (Prometheus, Grafana), Strong in Linux, Bash, Git, and code quality tools (SonarQube, Jfrog).

Education

Bachelor of Science in Computer Science
• CGPA: 8.2/10.0

July 2017 – Aug 2020

Experience

Tata Consultancy Services, DevOps Engineer

Kolkata metropolitan area,
West Bengal, India
Apr 2022 – present
2 years 6 months

- Supercharged software delivery by 35% through robust and secure CI/CD pipelines built with GitHub Actions, ensuring seamless deployments to Kubernetes environments.
- Accelerate delivery of secure, high-quality software by 25% through rigorous code analysis and vulnerability detection with SonarQube.
- Accelerated microservice deployment velocity by 40% through optimized Helm chart-based releases, driving enhanced operational efficiency and faster time-to-market on Kubernetes.
- Boosted time-to-insights by 30% through automated deployments of Prometheus, Grafana, and Datadog using Helm, enabling comprehensive monitoring and proactive decision-making.
- Revolutionized log analysis and visualization with LogQL in Grafana, unlocking deeper insights and accelerating troubleshooting.
- Optimized traffic management and routing efficiency by 25% through implementation of Ingress with path-based routing, enabling dynamic service exposure and improved user experience.

Tata Consultancy Services, Site Reliability Engineer

Kolkata metropolitan area,
West Bengal, India
Mar 2021 – Mar 2022
1 year 1 month

- Led the migration of legacy applications to AWS, leveraging EC2, S3, RDS, CloudWatch, Route 53, and AWS ACM, resulting in a 30% reduction in operational costs and improved scalability.
- Successfully migrated millions of customer records from a legacy database to Amazon RDS with PostgreSQL, boosting query performance by 50% and reducing database management costs by 30%.
- Optimized CI/CD during application migration with Jenkins, cutting deployment times by 40% through enhanced automation of build, test, and release processes.
- Enhanced application reliability and availability with AWS Auto Scaling, achieving 99.9% uptime and reducing operational costs by 25% through dynamic resource scaling.
- Implemented NewRelic for application monitoring and log shipping, reducing maintenance costs by 20% and boosting performance insights, which led to a 30% improvement in application response times.

Projects


Personal Portfolio

- Developed a portfolio website to store and record my resume, projects and blogs to showcase it to employers.
- Tools Used: Python, Django, HTML,CSS,Docker,GitHub Pages,GitHub Actions

github.com/Apurva14A/myPortfolio 

Password Generator app

- Developed a python web application for generating random password to be used for authentication process.
- Tools Used: Python, Django, HTML, CSS, GitHub Action

github.com/Apurva14A/password_generator_app 

Technologies

Languages: Python, Java

Technologies: Terraform, Ansible, Docker, Kubernetes, Rancher, Helm, GitHub Actions, Jenkins, Prometheus, Grafana, Loki, AWS,EC2,S3,RDS, Linux, Bash, Git,SonarQube, Jfrog Artifactory